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The following Listing of the Claims will replace all prior versions and all prior listings of the claims in the present application:

Listing of The Claims:

- 1. (original): An implant for treating biological tissue comprising:
 therapeutic material associated with a scaffold structure that is implantable within tissue.
- 2. (original): A tissue implant as defined in claim 1 wherein the scaffold further comprises an interior defining a chamber and at least one opening to the interior, wherein the therapeutic material is associated with the interior of the scaffold.
- 3. (original): A tissue implant as defined in claim 1 wherein the scaffold defines an exterior surface and the therapeutic material is associated with the exterior surface.
- 4. (original): A tissue implant as defined in claim 1 wherein the scaffold structure is porous and a therapeutic material is associated within the pores of the structure.
- 5. (original): A tissue implant as defined in claim 1 wherein the therapeutic material defines a plurality of cells.
- 6. (original): A tissue implant as defined in claim 1 wherein the therapeutic material defines tissue.
- 7. (original): A tissue implant as defined in claim 1 wherein the therapeutic material comprises precursor cells.

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8. (original): A tissue implant as defined in claim 1 wherein the therapeutic material

comprises stem cells.

9. (original): A tissue implant as defined in claim 1 wherein the therapeutic material

comprises a cardiomyocyte.

10. (original): A tissue implant as defined in claim 1 wherein the therapeutic material

comprises DNA.

11. (original): A tissue implant as defined in claim 1 wherein the therapeutic material

comprises skeletal myoblasts.

12. (original): A tissue implant as defined in claim 1 wherein the therapeutic material

is joined to the scaffold structure by surgical adhesive.

13. (original): A tissue implant as defined in claim 1 wherein the therapeutic material

is applied as a coating to the scaffold structure.

14. (original): A tissue implant as defined in claim 12 wherein the coating is adhered

to the scaffold structure by opposite electrical charges.

15. (original): A tissue implant as defined in claim 1 wherein the therapeutic material

is maintained in a gel form that is associated with the scaffold.

16. (original): A tissue implant as defined in claim 1 wherein the therapeutic material

is suspended in a liquid that is applied to the scaffold after it has been implanted in tissue.

17. (original): A tissue implant as defined in claim 1 wherein the scaffold further

comprises a coil body.

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- 18. (original): A tissue implant device as defined in claim 1 wherein the scaffold further comprises a mesh tube
- 19. (original): A tissue implant as defined in claim 1 wherein the scaffold structure further comprises a porous pellet.
- 20. (original): A tissue implant as defined in claim 1 wherein the scaffold structure comprises a surgical grade stainless steel.
- 21. (original): A tissue implant as defined in claim 1 wherein the scaffold structure comprises a nickel titanium alloy.
- 22. (original): A tissue implant as defined in claim 1 wherein the scaffold structure comprises a biodegradable polymer.
- 23. (original): A myocardial implant comprising:

 an angiogenic implant device having associated with it a therapeutic material configured to improve cardiac muscle function.
- 24. (original): A method of treating dysfunctional muscle tissue comprising:

 providing therapeutic material configured to improve muscular function;

 providing a angiogenic implant;

 associating the therapeutic material with the angiogenic implant; and implanting the angiogenic implant and therapeutic material in combination in dysfunctional tissue
- 25. (original): A method of treating dysfunctional muscle tissue as defined in claim 24 wherein the muscle tissue is myocardial tissue of the heart.

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26. (original): A method of treating dysfunctional muscle tissue as defined in claim 25 wherein the heart is accessed surgically and the implant is delivered through the epicardium of the heart.

- 27. (original): A method of treating dysfunctional muscle tissue as defined in claim 25 wherein the heart is accessed percutaneously and the implant is delivered through the endocardium of the heart.
 - 28. (cancelled)
 - 29. (cancelled).
 - 30. (cancelled)
 - 31. (cancelled)
- 32. (original): A method of sustaining transplanted cells and host tissue comprising: placing a mechanical implant at the transplant site to promote localized angiogenesis in the tissue to supply blood to the cells.
 - 33. (cancelled)